

ABSTRACT

An object is to provide a disc-molding mold which can increase the degree of transfer of a pattern of a stamper to thereby improve quality of molded products, as well as a molded product and a molding machine. In the vicinity of the outer peripheral edges of first and second disc-shaped members, the cooling capacity of the medium flow passage of the stamper-side disc-shaped member is made lower than the cooling capacity of the medium flow passage of the non-stamper-side disc-shaped member. On the stamper side, the quantity of heat radiated from the outer peripheral edge of the stamper-side disc-shaped member to the outside of the disc-molding mold can be reduced, whereby over-cooling of the stamper-side disc-shaped member can be prevented. As a result, a local deterioration in the degree of transfer, which would otherwise occur in the vicinity of the outer peripheral edge of the cavity space (C), can be prevented, and thus the degree of transfer of the fine pattern can be improved over the entire cavity space (C). As a result, quality of molded products can be improved.